Title: Anti-TNF Antibodies and Peptides...

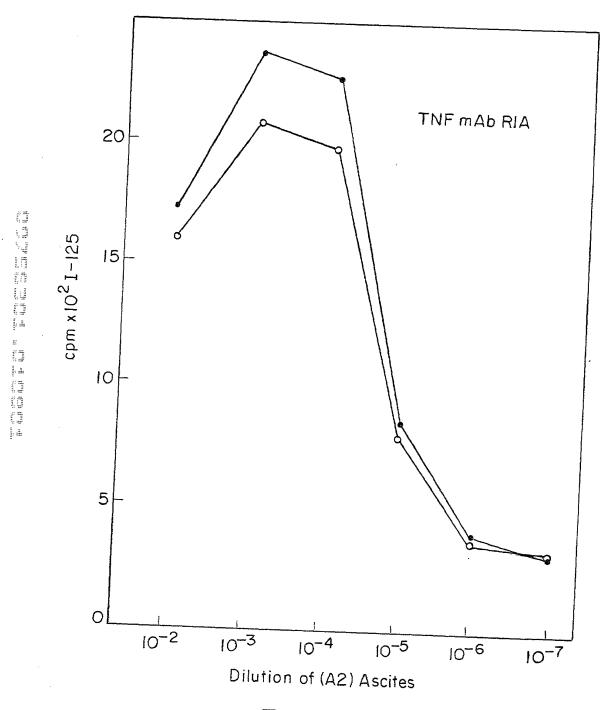
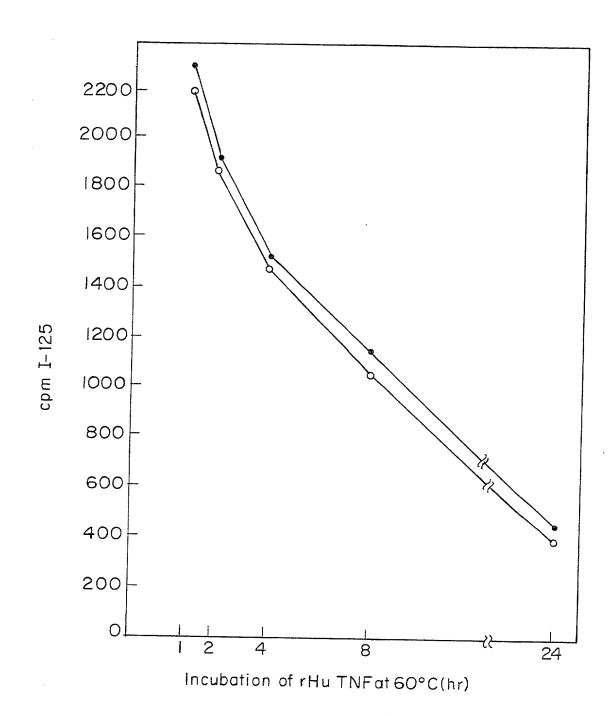


FIG. 1

Title: Anti-TNF Antibodies and Peptides...

Inventors: Junming Le, et al.

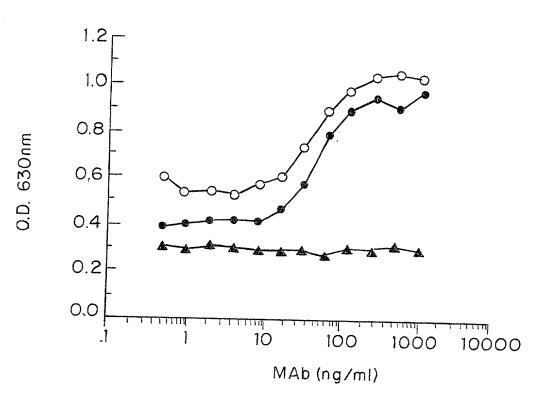


The first from the first the first first first first

FIG. 2

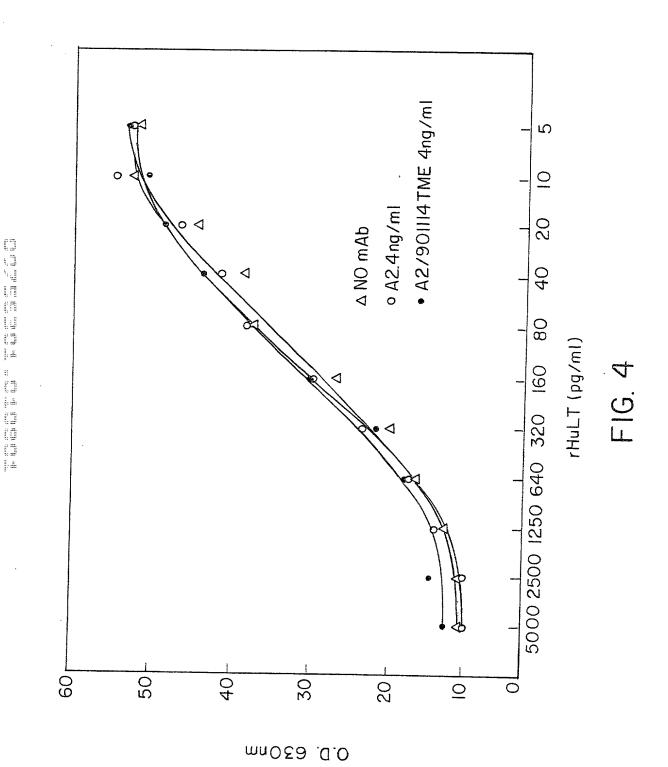
Inventors:

Junming Le, et al.

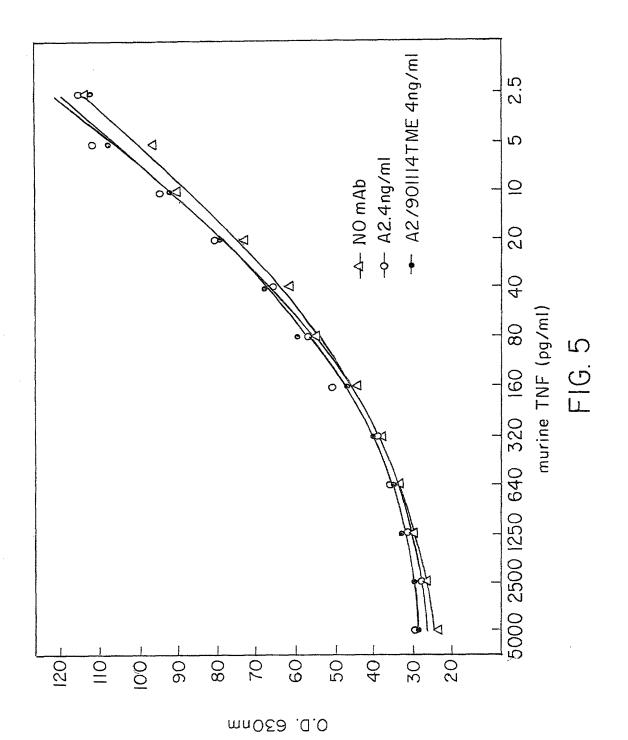


- Natural Human TNF
- Recombinant Human TNF
- Control

FIG. 3



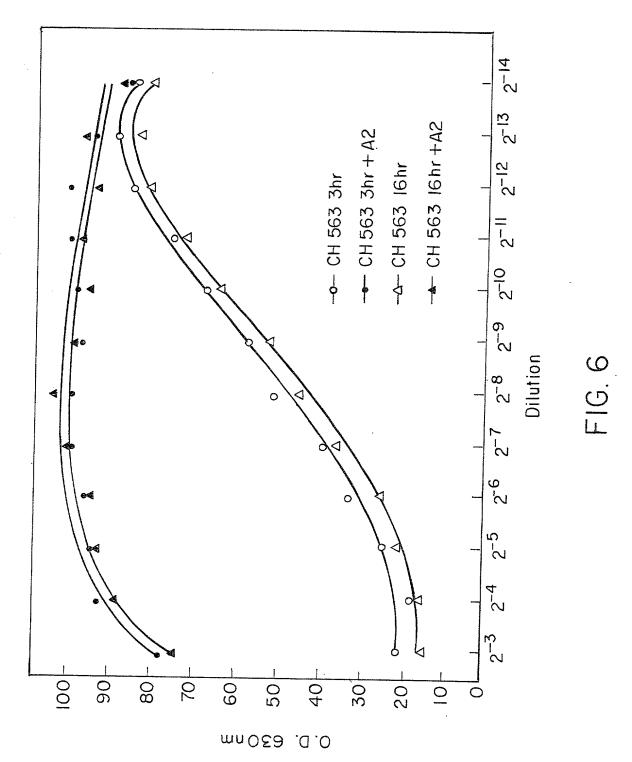
Title: Anti-TNF Antibodies and Peptides...



0975.1005-008

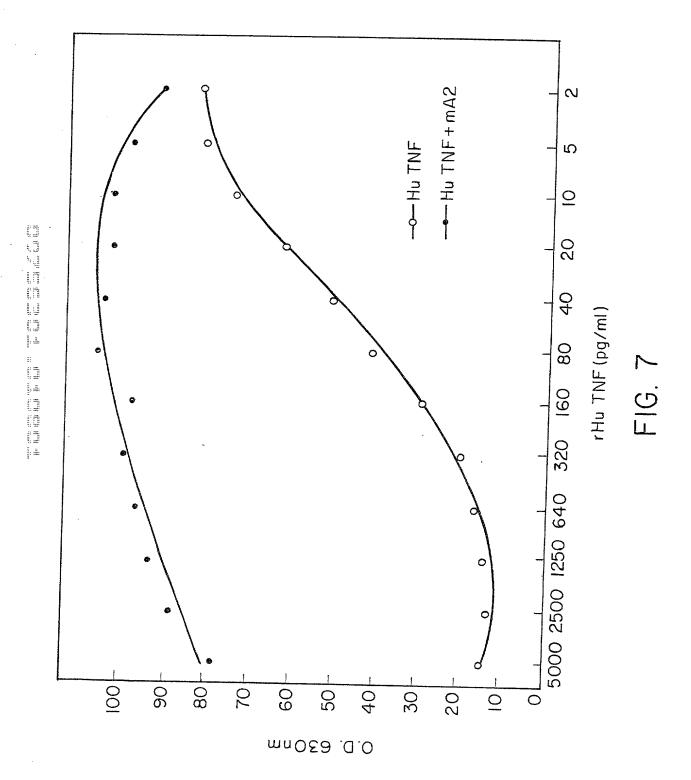
Title: Anti-TNF Antibodies and Peptides...

Inventors: Junming Le, et al.

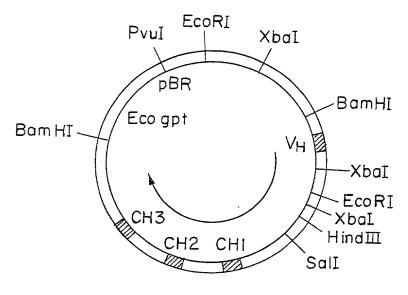


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Title: Anti-TNF Antibodies and Peptides...



Junming Le, et al. Inventors:



pA2HG1apgpt

FIG. 8A

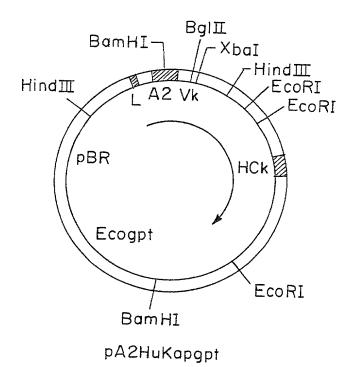


FIG. 8B

Title: Anti-TNF Antibodies and Peptides...

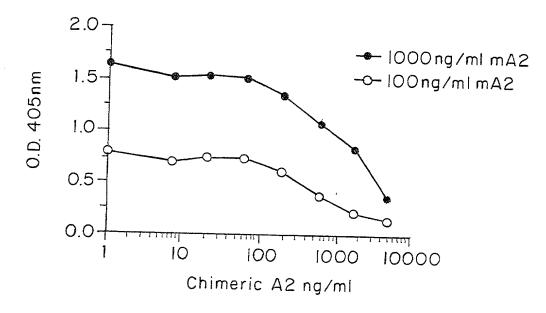


FIG. 9A

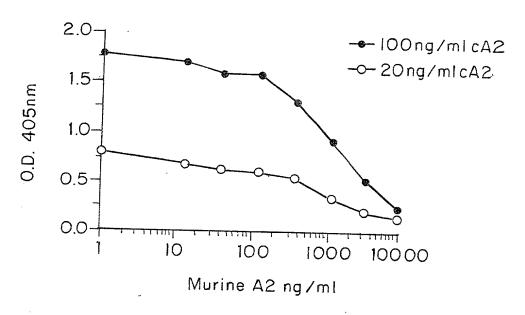


FIG. 9B

Title: Anti-TNF Antibodies and Peptides...

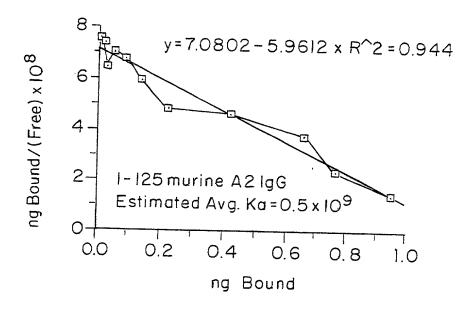


FIG. 10A

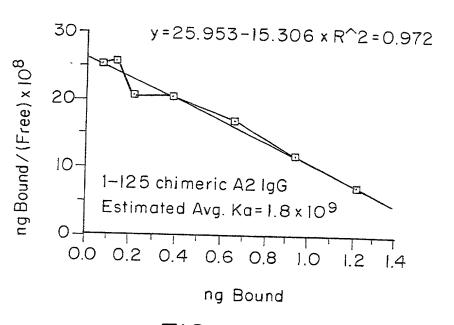


FIG. 10B

Title: Anti-TNF Antibodies and Peptides...

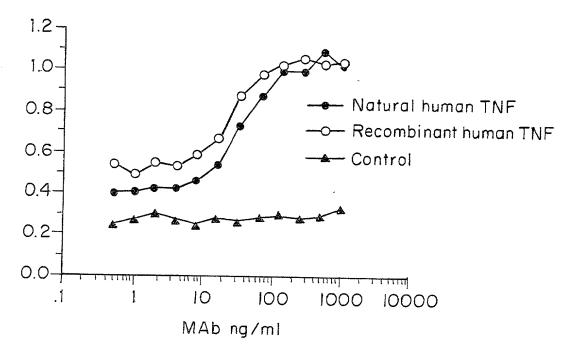


FIG. 11

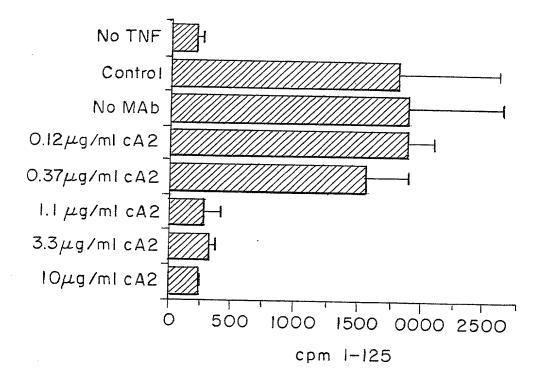


FIG. 12

0975.1005-008 Docket No.:

Title: Anti-TNF Antibodies and Peptides...

Junming Le, et al. Inventors:

Ala Leu Leu Val His Ala Ala Ala Asn Pro Val Arg Arg Lys30 Asn Asp Ser Leu Pro Thr Gln Arg Leu Ser $_{
m Gln}$ Ser Ser

Arg

Gln

50 Val Val Arg Asp Asn Gln Leu Glu Leu

Tyr Leu Leu Gly. Glu Pro 41 Val

His Thr Leu Leu Val His Ser Pro Cys GLyGln GlyLys Phe Leu

Ser Lys Ile Ala Ser Val Asn Leu Leu 90 Lys Thr Gln Ser Val Ala

81 Ser

Ile Pro Glu TrpPro Lys Ala 110 Glu Ala G1yGlu Pro Thr Glu

Ile Asn Arg Pro Asp Glu Ala Arg 150 Val 130 Asp G1yLys Glu Leu GlnPhe Phe Asp Leu

Ala

Ile

Tyr Phe Gly

Gln

Gly

Glu ser

Ala

Title: Anti-TNF Antibodies and Peptides...

Inventors: Junming Le, et al.

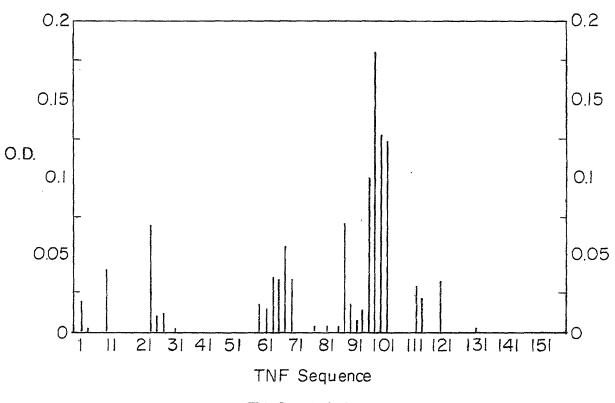


FIG. 14A

And the same

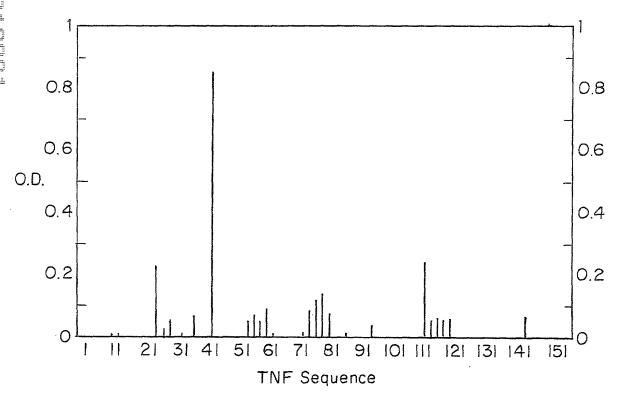


FIG. 14B

0975.1005-008 Docket No.:

Title: Anti-TNF Antibodies and Peptides...

Inventors:

Ser

Ile

Leu

TYr

Junming Le, et al.

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Lys	
10 Asp	30
Pro Ser	. ;
Д	ŀ
r Ser Ser Arg Thr	ر
Arg	H
Ser	;
Ser	;
Ser	;
Arg	, C
1 Val Arg Ser	21

GLyLeu Leu Ala Asn Ala Asn Ala Leu GlyGlu Arg Ser Leu Asn Arg Pro 50 Val Gln Leu Val Gln Trp Gln Leu Asp Asn GLYGlu Leu Arg GIU Gln Val

Ile Thr Leu Leu Thr His Val His Thr Ser Pro CysGlyGln GlyLys Phe Leu Val Gln 61

ProSer Lys Ile Ala Ser Lys Val Asn Leu Leu Gln Thr $\mathrm{T}\mathrm{yr}$ Ser Val Ala Ile Arg Ser 81

Leu TyrI1eProGlu TyrTrp Pro Lys Ala Glu 110 Ala GLYPro Glu Glu Thr Gln Arg Cys

Pro Asp Ile Asn Arg Glu Arg Leu Ser Ala 130 Asp G1yLysGlu Leu Gln Phe Gly Val Gly

Leu Ala Ile Ile Tyr Phe Gly Glu Ser Gly Gln Val Ala Phe Leu Asp $TY\Gamma$

15 FIG.

Title: Anti-TNF Antibodies and Peptides...

Inventors:

Junming Le, et al.

GACATCTTGCTGACTCAGTCTCCAGCCATCCTGTCTGTGAGTCCAGGAGAAAGAGTCAGT Asp1le Leu Leu Thr Gln Ser Pro Ala Ile Leu Ser Val Ser Pro Gly Glu Arg Val Ser

TTCTCCTGCAGGGCCAGTCAGTTCGTTGGCTCAAGCATCCACTGGTATCAGCAAAGAACA $\tt Phe Ser Cys Arg Ala Ser Gln Phe Val Gly Ser Ser Ile His Trp Tyr Gln Gln Arg Thr$

AATGGTTCTCCAAGGCTTCTCATAAAGTATGCTTCTGAGTCTATGTCTGGGATCCCTTCC $\verb|AsnGlySerProArgLeuIleLysTyrAlaSerGluSerMetSerGlyIleProSer|$

AGGTTTAGTGGCAGTGGATCAGGGACAGATTTTACTCTTAGCATCAACACTGTGGAGTCT ${\tt ArgPheSerGlySerGlyShrAspPheThrLeuSerIleAsnThrValGluSer}$

GAAGATATTGCAGATTATTACTGTCAAGAAAGTCATAGCTGGCCATTCACGTTCGGCTCG ${\tt GluAspIleAlaAspTyrTyrCysGlnGlnSerHisSerTrpProPheThrPheGlySer}$

GGGACAAATTTGGAAGTAAAA GlyThrAsnLeuGluValLys FIG. 161

Title: Anti-TNF Antibodies and Peptides...

Inventors: Junmin

Junming Le, et al.

GAAGTGAAGCTTGAGGAGGTCTTGGTGCAACCTTGGAGGATCCATGAAACTC ${\tt GluValLysLeuGluGluSerGlyGlyGlyLeuValGlnProGlyGlySerMetLysLeu}$

TCCTGTGTTGCCTCTGGATTCATTTTCAGTAACCACTGGATGAACTGGGTCCGCCAGTCT ${\tt SerCysValAlaSerGlyPheIlePheSerAsnHisTrpMetAsnTrpValArgGlnSer}$ CCAGAGAAGGGGCTTGAGTTGCTGAAATTAGATCAAAATCTATTAATTCTGCAACA $\tt ProGluLysGlyLeuGluTrpValAlaGluIleArgSerLysSerIleAsnSerAlaThr$

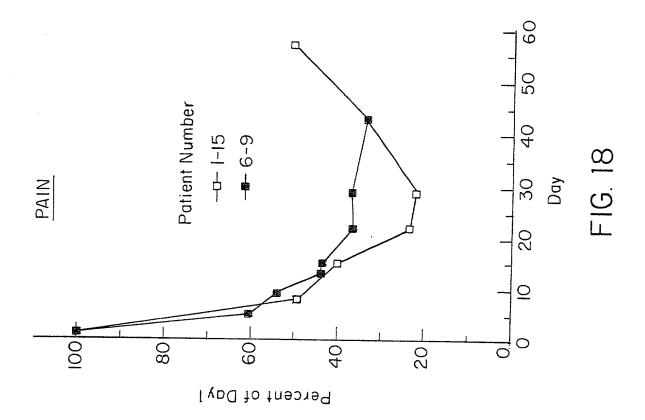
 ${\tt HisTyrAlaGluSerValLysGlyArgPheThrIleSerArgAspAspSerLysSerAla}$ CATTATGCGGAGTCTGTGAAAGGGGAGGTTCACCATCTCAAGAGATGATTCCAAAAGTGCT

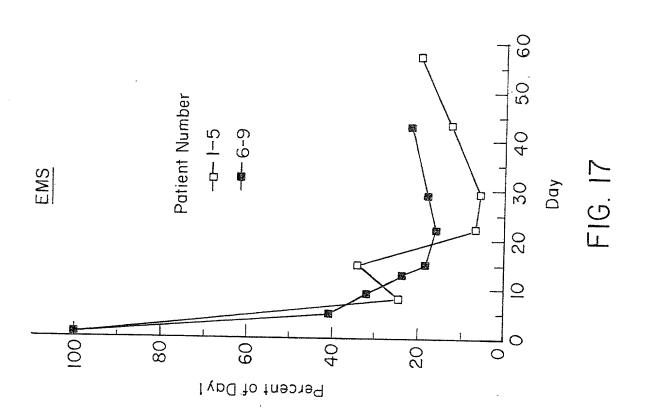
GTGTACCTGCAAATGACCGACTTAAGAACTGAAGACACTGGCGTTTATTACTGTTCCAGG ${\tt ValTyrLeuGlnMetThrAspLeuArgThrGluAspThrGlyValTyrTyrCysSerArg}$

AATTACTACGGTAGTACCTACGACTACTGGGGCCAAGGCACCACTCTCACAGTGTCC $\mathtt{AsnTyrTyrGlySerThrTyrAspTyrTrpGlyGlnGlyThrThrLeuThrValSer}$

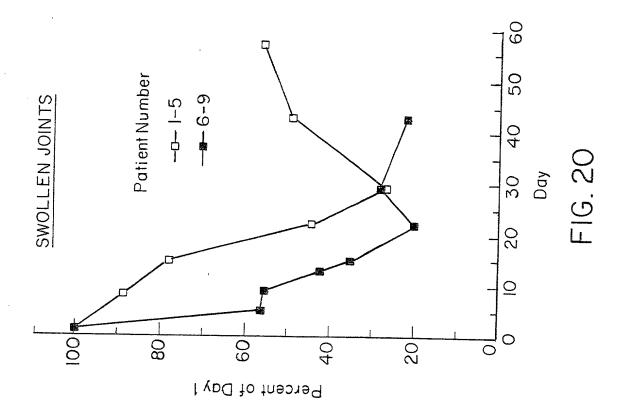
FIG. 16B

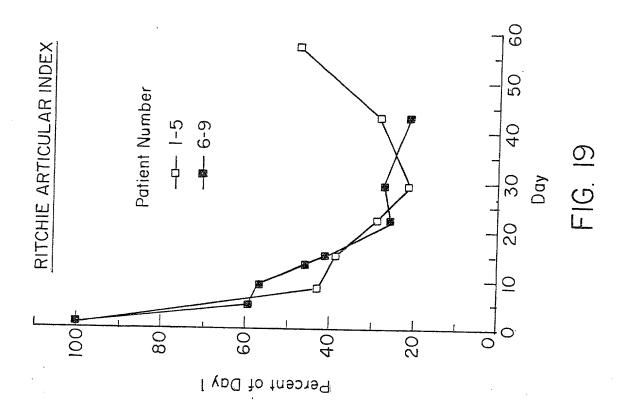
Title: Anti-TNF Antibodies and Peptides...





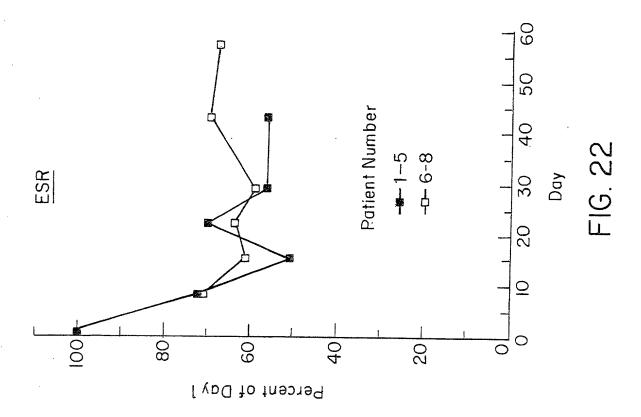
Title: Anti-TNF Antibodies and Peptides...

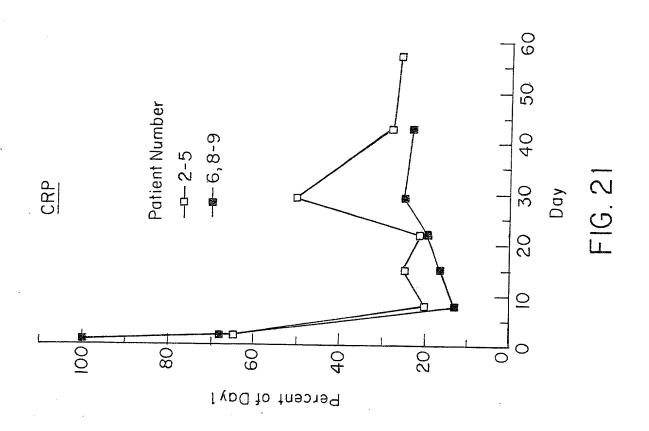




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Title: Anti-TNF Antibodies and Peptides...







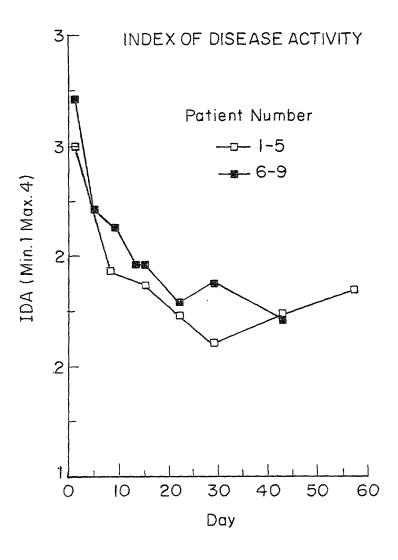
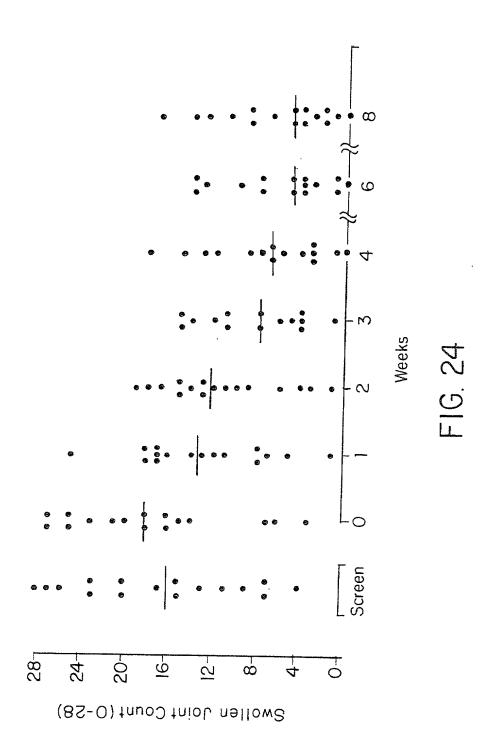
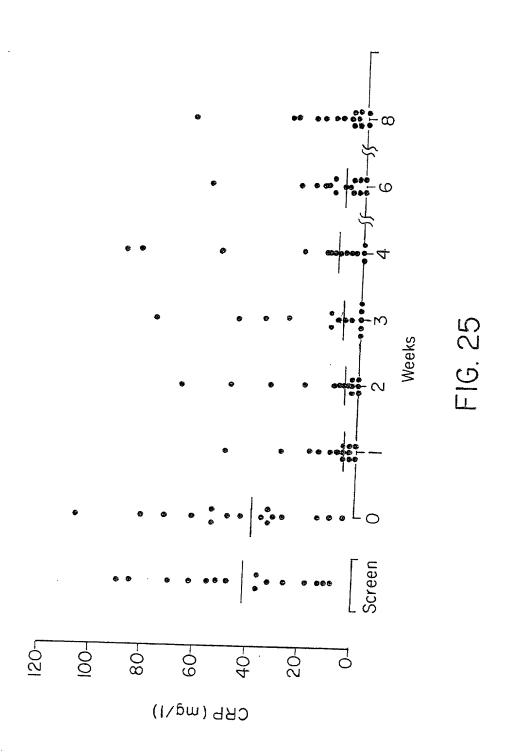


FIG. 23

Title: Anti-TNF Antibodies and Peptides...



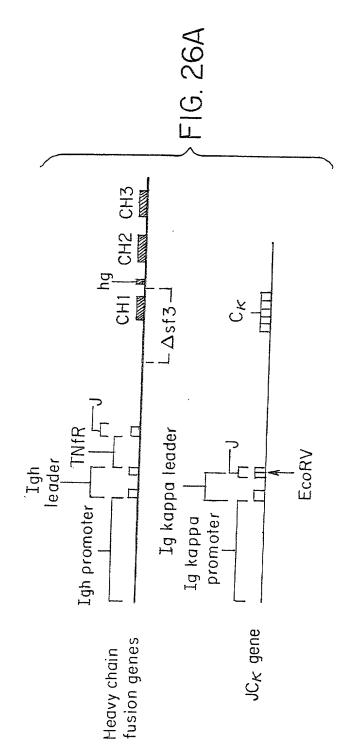
Title: Anti-TNF Antibodies and Peptides...



Docket No.: 0975.1005-008

Title: Anti-TNF Antibodies and Peptides...

Inventors: Junming Le, et al.



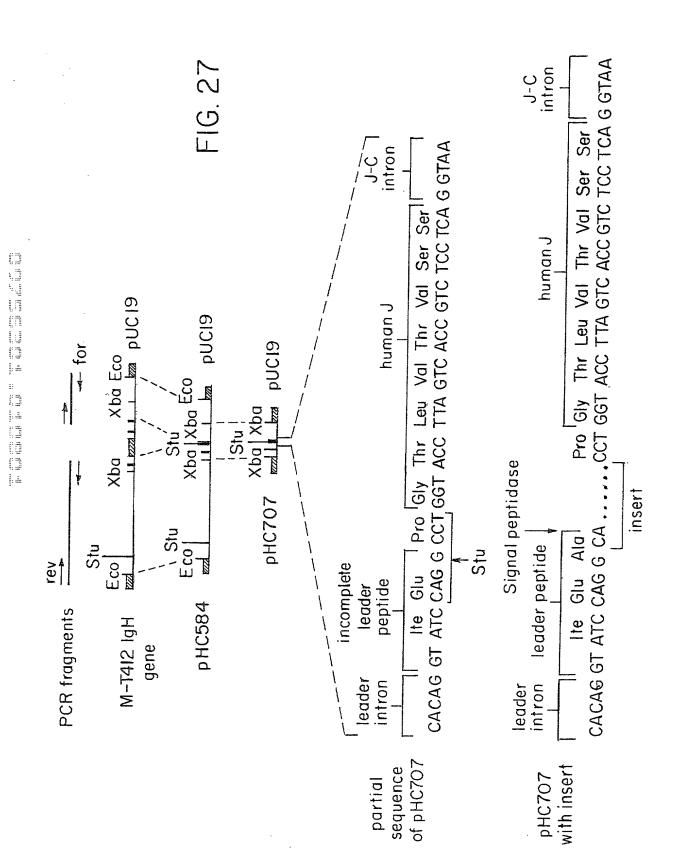
when given given given region given give given given given given give given give given find the find t

Junming Le, et al. Inventors:

FIG. 26B p55-Fab p75P-sf3 TOTO TOTO p55-sf3 p75P-sf2 p55 p55 p55-df2 p75-sf2 TO TO p55 p55-sf1 M W W p55-sf2 WWD WWW p55-nf

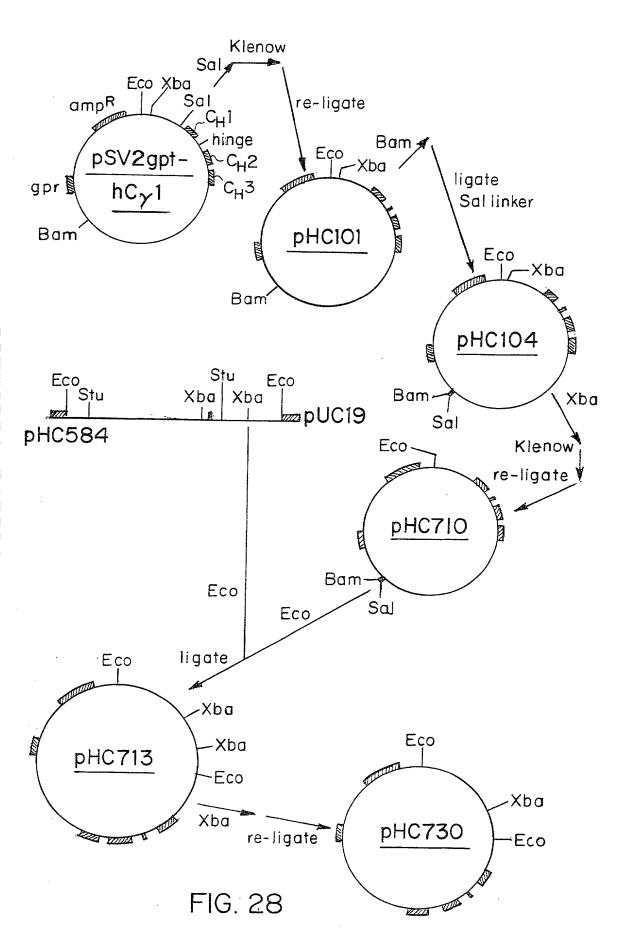
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Title: Anti-TNF Antibodies and Peptides...



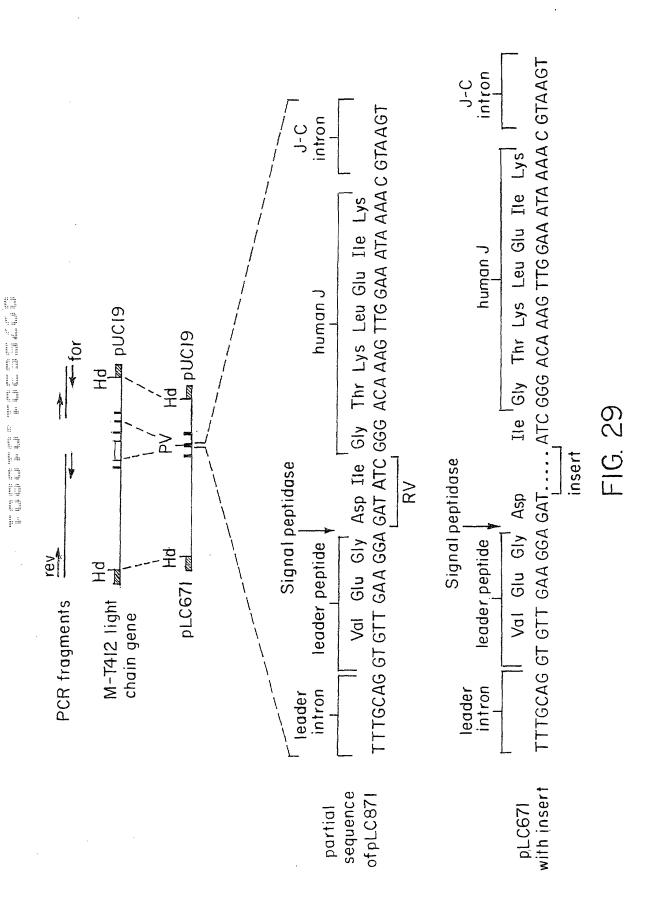
Title: Anti-TNF Antibodies and Peptides...

Inventors: Junming Le, et al.



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Title: Anti-TNF Antibodies and Peptides...



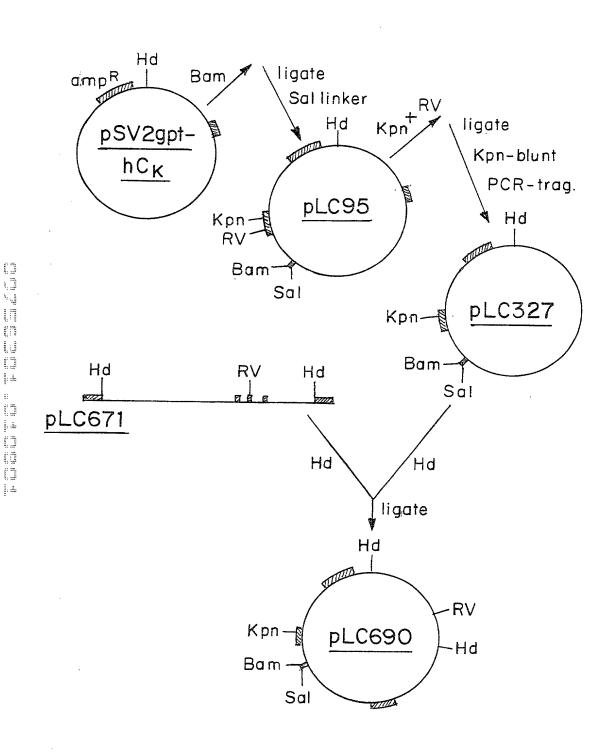


FIG. 30

Title: Anti-TNF Antibodies and Peptides...

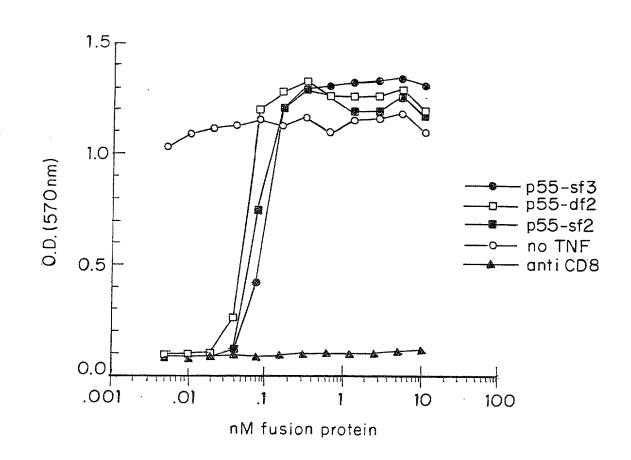


FIG. 31A

Title: Anti-TNF Antibodies and Peptides...

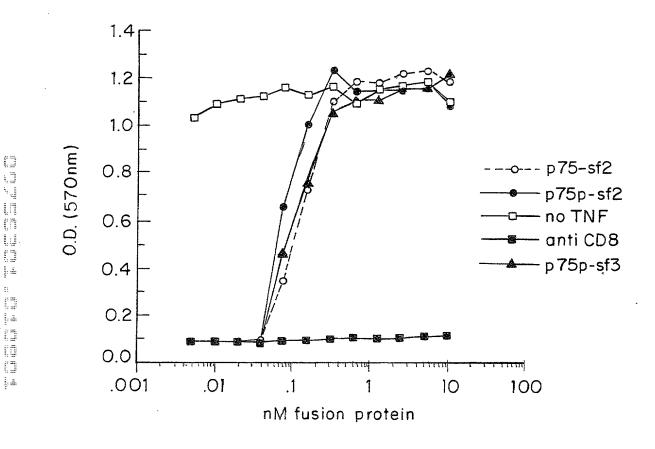


FIG. 31B

Inventors:

Junming Le, et al.

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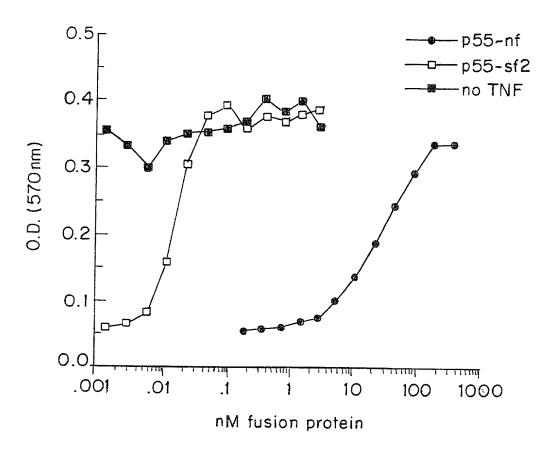


FIG. 31C

Title: Anti-TNF Antibodies and Peptides...

Junming Le, et al. Inventors:

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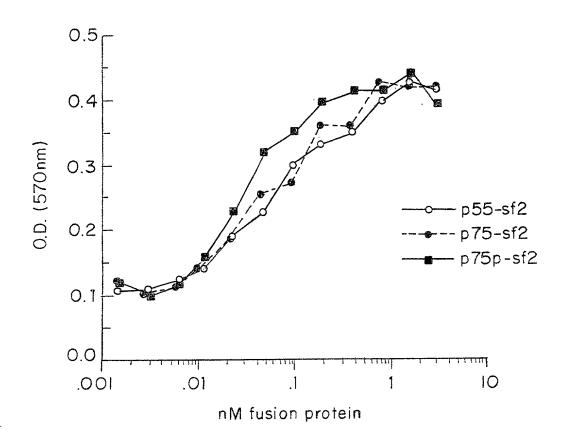


FIG. 32

And the first that

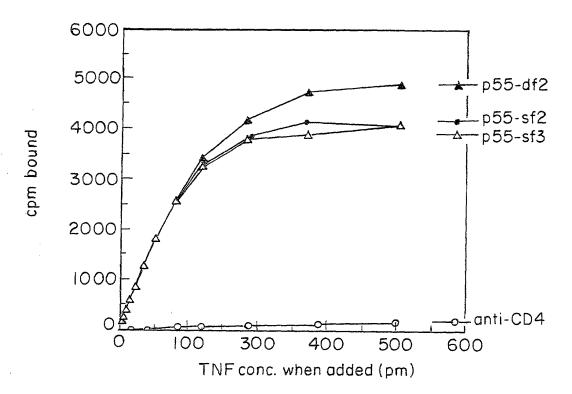


FIG. 33A

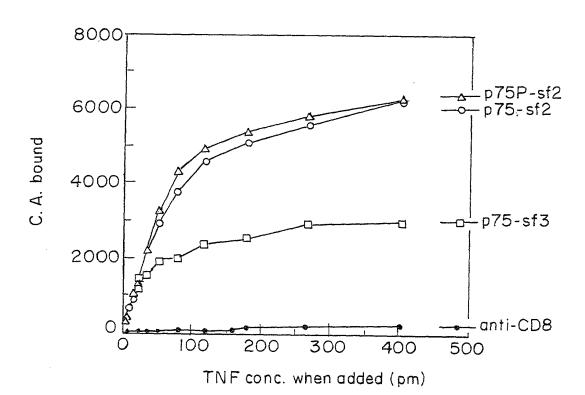
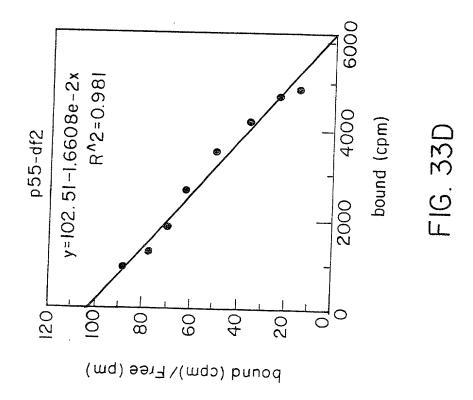
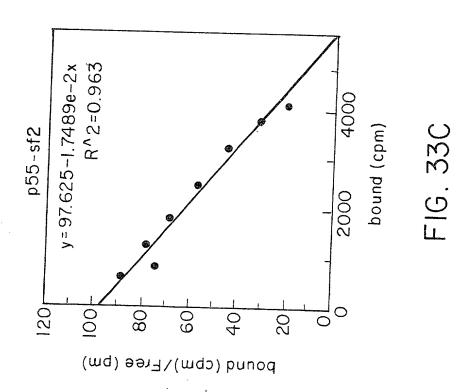


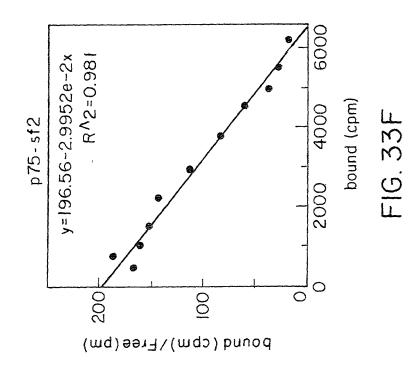
FIG. 33B

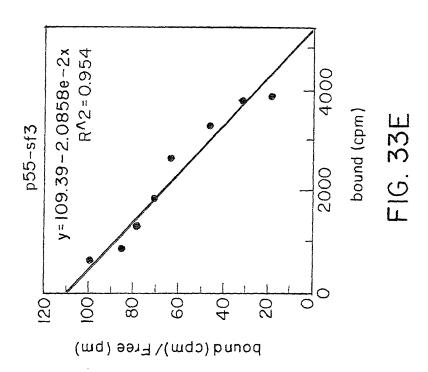
Title: Anti-TNF Antibodies and Peptides...





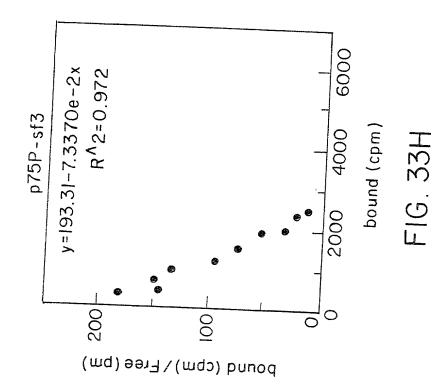
Title: Anti-TNF Antibodies and Peptides...

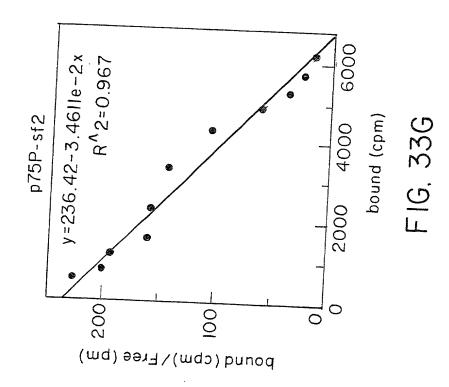




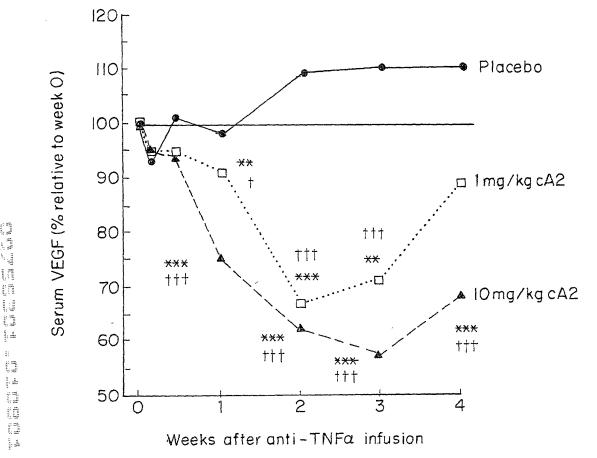
Docket No.: 0975.1005-008

Title: Anti-TNF Antibodies and Peptides...





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* $p \le 0.05$, ** $p \le 0.01$, *** $p \le 0.001$ versus pre-infusion † p \leq 0.05, † † p \leq 0.01, † † p \leq 0.001 versus change in placebo group

FIG. 34